

San Francisco Dec 1st 1867.

Prof. Dr. A. Gray Cambridge Mass

My dear Sir,

In working up my grasses I find it necessary to consult you in regard to a few species.

First enclosed I send you specimens of a Calamagrostis (my No 4787 4766) collected by me in wet meadows close to the sea coast in Mendocino Co. It was blooming when collected. Roots long and creeping.

In Steudel I find no spec description answering to it. In Desvoux's *Grasses of Chile* is one figured under the name of *Deyeuxia chrysoctenya*. The general aspect could answer and the palea as figured there agrees very well, but that's all. Is it a new species?

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

1881
The awn is straight when
green and with but twists
immediately when drying
the panicle remains very open
after shedding its seeds.

The 2^d is a *Calamagrostis* also,
my No 6471, collected last June
in the same locality.

It agrees pretty well with the des-
cription of varia

given by Munro } var. purpurea seus
as varieties of } R. B.
the above } Montana Host

Could you send me 1-2 spikelets
of *Stipa Richardsonii* in your
next letter?

Now another curious affair.
In working up the *Melica* I found
Prof. Thuber's view correct in making
my No 40 of publ. Grap. sets
a variety of *M. foenicoides*
For the last two years I observed
it closely and found the above opinion
correct. I call it var. bromoides
No 6119 recently sent.

If we find this correct, we must also take in my number 4698 (recently sent) from the sea coast. I call it var. *ciliata* or probably better *acuminata*.

If these are in N^o 6121, from Los Valley must come in. I call it var. *inflata*.

Having all these in, it becomes a necessity to receive also under that species my N^o 53 ~~prosets~~ and sent again recently with notes. Thunber left it undetermined, Meunier says, it is a new species, but I am satisfied it is a variety only. I followed it up through long distances and found transitions.

I call it *M. foveoides*
var. *brevi-aristata*.
Having taken this in it becomes a question whether 4861

